

# Notice of Allowability

Application No.

10/051,332

Examiner

Mirellys Jagan

Applicant(s)

ASLAN ET AL.

Art Unit

2859

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the Amendment and Terminal Disclaimer filed 3/16/04.
2. ☒ The allowed claim(s) is/are 1-22.
3. ☒ The drawings filed on 10/29/02 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
  - \* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

### THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

**EXAMINER'S AMENDMENT**

1. The terminal disclaimer filed on 3/16/04 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of U.S. Patent 6,480,127 has been reviewed and is accepted. The terminal disclaimer has been recorded.

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

3. Authorization for this examiner's amendment was given in a telephone interview with Mr. Mark Hennings on April 5, 2004.

4. The application has been amended as follows:

Claim 14:

- a. Lines 5-6: "at a first time" has been deleted.
- b. Line 7: "a first selected current level that is applied" has been replaced with --  
applying the first current level--.
- c. In line 8: "a second selected current level that is applied" has been replaced with -  
-applying the second current level--.

Claim 16:

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Line 4: “applied” has been replaced with --is applied--.

Claim 19:

a. Line 8: “a first selected current level that is applied” has been replaced with --applying the first current level--.

b. In line 9: “a second selected current level that is applied” has been replaced with --applying the second current level--.

5. The following is an examiner’s statement of reasons for allowance:

The prior art of record does not disclose or suggest the following in combination with the remaining limitations of the claims:

A system for determining temperature from a remote sensor circuit that includes a PN junction, the system comprising a controller configured to selectively apply a third control signal to the programmable current source at a third time such that the associated level of the bias current at the third time corresponds to the second current level; and a fourth control signal to the programmable current source at a fourth time such that the associated level of the bias current at the fourth time corresponds to the first current level (see independent claim 1).

A method of determining a temperature from a remote sensor, the method comprising the step of applying a sequence of the first and second current levels to the remote sensor circuit at a first time, wherein the sequence is selected from a random sequence, a pseudorandom sequence, and an ordered sequence comprising applying the first current level at a first and a last time, and applying the second current level at a second and a next-to-last time (see independent claim 14).

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A system of determining a temperature from a remote sensor, the system comprising means for applying a sequence of the first and second current levels to the remote sensor circuit at a first time, wherein the sequence is selected from a random sequence, a pseudorandom sequence, and an ordered sequence comprising applying the first current level at a first and a last time, and applying the second current level at a second and a next-to-last time (see independent claim 19).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mirellys Jagan whose telephone number is 571-272-2247. The examiner can normally be reached on Monday-Friday from 9AM-5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Diego Gutierrez can be reached on 571-272-2245. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

MJ  
April 5, 2004



**Diego Gutierrez**  
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